

Amendments to the Specification

Please amend the specification as follows:

Please replace the paragraphs spanning line 10, page 119 to line 1, page 120 of the application (paragraph [0349] of US Publication No.: 2006/0259995), with the following amended paragraph and tables.

Table 2: Exemplary polypeptides having protease activity

SEQ ID NO	Cascin	Gelatin	AAA	AAPF	BAPNA	GGF	IEGR	PFR
9,10	-	-	-	-	+	-	+	+
15,16	-	-	-	+	-	-	-	+
17,18	-	-	+	+	-	-	+	+
85,86	-	-	-	-	+	+	+	+
63,64	-	-	-	+	+	+	+	+
57,58	-	-	+	-	-	-	+	-

Table 3: Activity summary

SEQ ID NOS:	OPA				SDS-PAGE				AquaZec in Zymo-gram
	Zein	SBTI	SB Lectin	WG Lectin	Zein	SBTI	SB Lectin	WG Lectin	
7, 8	1.38	1.2	1.98	1.16	Yes				Yes
69, 70	1.91	0.8	0.61	0.79	Yes	M	M	Yes	ND
65, 66	3.59	.057*	0.48	0.88	Yes	ND	ND	ND	ND
73, 74 and 87, 88	1.73	0.5	0.23	0.61	Yes				ND
29, 30	2.03	1.19	0.23	0.52	Yes	M	ND	Yes	Yes
23, 24	1.61	1.39	0.37	0.93	Yes	M	ND	M	Yes
49, 50	1.38	0.88	0.45	0.92	Yes				Yes
93, 94 and 101, 102	1.49	1.11	0.24	0.95	M	Yes	ND	ND	M
103, 104	3.05	0.98	2.64	0.86	Yes				Yes
41, 42	1.64	0.64	0.67	0.91	Yes				Yes
19, 20	2.34	0.71	0.76	0.86	M				Yes
77, 78	1.58	0.62	1.09	0.9	M				M
31, 32	2.15	0.68	0.58	0.81	M	ND	ND	ND	Yes
67, 68	1.65	1.46	0.77	0.99	M	ND	ND	ND	Yes
61, 62	1.71	0.8	0.16	0.77	Yes	ND	ND	ND	ND
21, 22	1.44	0.96	0.47	0.93	M				ND
141, 142	1.78	1.04	0.71	1.07	ND				Yes
1, 2					Yes				
43, 44	1.59*	0.86*	0.43*	0.8*	ND	ND	ND	ND	Yes